Contents

Economic Botany Volume 57 Number 1

Collections Corner

3 Connecting Museum Collections and Archival Documents: Willow Fishing Nets from the Northwest Territories of Canada. *Robin Y. Smith*

Research

7 Cover Article: Landraces of Maize in Central Mexico: An Altitudinal Transect. *Hugo Perales R., S. B. Brush, and C. O. Qualset*

21 Dynamic Management of Maize Landraces in Central Mexico. *Hugo Perales R., S. B. Brush, and C. O. Qualset*

35 Ethnobotanical Investigation of Caballitos (*Schoenoplectus californicus*: Cyperaceae) in Huanchaco, Peru. *Xanic J. Rondón, Sandra Anne Banack, and Wilfredo Diaz-Huamanchumo*

48 Edible Begonias from the North of Puebla, Mexico. *Francisco Basurto-Peña, Delia Castro-Lara, and Miguel Angel Martínez-Alfaro*

54 Natural Insecticides from *Hippocratea excelsa* and *Hippocratea celastroides*. *Ricardo Reyes-Chilpa, Manuel Jiménez-Estrada, Elizabeth Cristóbal-Telésforo, Leticia Torres-Colín, Miguel Angel Villavicencio, Blanca Estela Pérez-Escandón, and Roberto Mercado-González*

65 Toward Sustainable Use of Palm Leaves by a Rural Community in Kwazulu-Natal, South Africa. *Steven G. McKean*

73 The Ethnobotany of Cultivated Plants of the Maohi of the Society Islands. *Dana Lepofsky*

93 Challenges to Using Neem (*Azadirachta indica* Var. *sianensis* Valenton) in Thailand. *Ven M. Tran and Jim A. Perry*

103 Food, Feed or Medicine: The Multiple Functions of Edible Wild Plants in Vietnam. *Britta M. Ogle, Ho Thi Tuyet, Hoang Nghia Duyet, and Nguyen Nhut Xuan Dung*

118 Inhibition of *Streptococcus mutans* and Other Oral *Streptococci* by Hop (*Humulus lupulus* L.) Constituents. *Sanchita Bhattacharya, Salima Virani, Mashenka Zavro, and Gerhard J. Haas*

126 Pharmaceutical Discoveries Based on Ethnomedicinal Plants: 1985 to 2000 and Beyond. *Walter H. Lewis*

135 Catnip, *Nepeta cataria*, a Morphological Comparison of Mutant and Wild Type Specimens to Gain an Ethnobotanical Perspective. *Scott Herron*

143 Botanical Note: American Ginseng (*Panax quinquefolium* L.), the "Other" Ginseng. *Stephanie A. Suits, Rebecca M. Corbit, and Andrew J. Wood*

Departments

145 Book Reviews

Contents

Economic Botany Volume 57 Number 2

163 COVER ARTICLE: Yanesha Agriculture in the Upper Peruvian Amazon: Persistence and Change Fifteen Years Down the 'Road.' *Catherine C. Hamlin and Jan Salick*

181 The Consumption of *Typha domingensis* Pers. (Typhaceae) Pollen among the Ethnic Groups of the Gran Chaco, South America. *Pastor Arenas and Gustavo F. Scarpa*

189 Chemistry and Ethnobotany of Commercial Incense Copals, Copal Blanco, Copal Oro, and Copal Negro, of North America. *Ryan J. Case, Arthur O. Tucker, Michael J. Maciarello, and Kraig A. Wheeler*

203 Informant-Based Valuation of Use and Conservation Preferences of Savanna Trees in Burkina Faso. *Metus Kristensen and Anne Mette Lykke*

218 Medicinal Flora of the Popoluca, Mexico: A Botanical Systematical Perspective. *Marco Leonti, Fernando Ramirez R., Otto Sticher, and Michael Heinrich*

231 Rue (*Ruta* L., Rutaceae) in Traditional Spain: Frequency and Distribution of its Medicinal and Symbolic Applications. *Elia San Miguel*

245 Asian *Perilla* Crops and Their Weedy Forms: Their Cultivation, Utilization and Genetic Relationships. *Miyuki Nitta, Ju Kyong Lee, and Ohmi Ohnishi*

254 Bio-Functional Legumes with Nutraceutical, Pharmaceutical, and Industrial Uses. *Brad Morris*

262 Non-Timber Forest Products in the Community of El Terrero, Sierra de Manantlán Biosphere Reserve, Mexico: Is Their Use Sustainable? *Elaine Marshall and Adrian C. Newton*

Botanical Note

279 The Ethnobotany of *Musella lasiocarpa* (Musaceae), an Endemic Plant of Southwest China. *Ai-Zhong Liu, W. John Kress, and Chun-Lin Long*

Departments

282 Book Reviews

Contents

Economic Botany Volume 57 Number 3

295 COVER ARTICLE: Archaeological Evidence for the Tradition of Psychoactive Plant Use in the Old World. *M. D. Merlin*

324 Plant Virtues are in the Eyes of the Beholders: A Comparison of Known Palm Uses Among Indigenous and Folk Communities of Southwestern Amazonia. *Marina Thereza Campos and Christiane Ehringhaus*

345 Ecological Observations on *Heteropsis* Spp. (Araceae) in Southern Venezuela. *Claudia Knab-Vispo, Bruce Hoffmann, Timothy Moermond, and Conrad Vispo*

354 Toxic Phenols in Various Anacardiaceae Species. *Carlos J. Aguilar-Ortigoza, Victoria Sosa, and Marcial Aguilar-Ortigoza*

365 Hmong Gardens: Botanical Diversity in an Urban Setting. *Jan L. Corlett, Ellen A. Dean, and Louis E. Grivetti*

380 Morphological and Seed Set Characteristics of Centipedegrass Accessions Collected in China. *J. Liu, W. Hanna and E. Elsner*

389 Relocating Plants from Swidden Fallows to Gardens in Southwestern China. *Yongneng Fu, Huijun Guo, Aiguo Chen, Jinyun Cui, and Christine Padoch*

403 The Witch Trials of Finnmark, Northern Norway, during the 17th Century: Evidence for Ergotism as a Contributing Factor. *Torbjørn Alm*

Departments

417 Book Reviews

Contents

Economic Botany Volume 57 Number 4

431 COVER ARTICLE: The Life and Times of *Bursera glabrifolia* (H.B.K.) Engl. in Mexico: A Parable for Ethnobotany. *Charles M. Peters, Silvia E. Purata, Michael Chibnik, Berry J. Brosi, Ana M. López, and Myrna Ambrosio*

442 Plants Used as Natural Dye Sources in Turkey. *Yunus Doğan, Süleyman Başlar, Hasan Hüseyin Mert, and Güngör Ay*

454 Dye Plants of East Anatolia Region (Turkey). *Fevzi Özgökçe and İbrahim Yilmaz*

461 Mythical Origin of *Chusquea ramosissima* (Poaceae), the Ancient Knife of the Guaranis. *Héctor A Keller*

472 Comparison of Food Plant Knowledge Between Urban Vietnamese Living in Vietnam and in Hawai'i. *My Lien T. Nguyen*

481 Phenology, Growth, and Response to Light of Ciruela Mexicana (*Spondias purpurea* L.). *Eulogio Pimenta-Barrios and Blanca C. Ramírez-Hernández*

491 Production Ecology of Copaíba (*Copaifera* spp.) Oleoresin in the Eastern Brazilian Amazon. *Campbell Plowden*

502 The Introduction of Cultivated Citrus to Europe via Northern Africa and the Iberian Peninsula. *L. Ramón-Laca*

515 Review of Food and Medicinal Uses of *Capparis* L. Subgenus *Capparis* (Capparidaceae). *Diego Rivera, Cristina Inocencio, Concepción Obón, and Francisco Alcaraz*

535 Domestication of Wild Marigold (*Tagetes minuta* L.) as a Potential Economic Crop in Western Himalaya and North Indian Plains. *Virendra Singh, Bikram Singh, and Vijay K. Kaul*

545 Tetrahydrocannabinol Levels in Hemp (*Cannabis sativa*) Germplasm Resources. *Ernest Small and David Marcus*

559 The African Cherry (*Prunus africana*): From Hoe-Handles to the International Herb Market. *Kristine M. Stewart*

570 The Essential Oils of *Chamaebatiaria millefolium, Chamaebatia australis*, and *Chamaebatia foliolosa* (Rosaceae) and Comments on "*Chamaebatiaria multiflorium*" and "*Chamaebatiaria nelleae*" as Medicinal Plants. *Arthur O. Tucker, Michael J. Maciarello, James Henrickson, and Jaclyn Davis*

576 Wild Foods from Southern Ecuador. *Veerle Van den Eynden, Eduardo Cueva, and Omar Cabrera*

604 Ethnobotany of Chia, *Salvia hispanica* L. (Lamiaceae). *Joseph P. Cahill*

619 Plant Resources Used for Subsistence in Tsehlanyane and Bokong in Lesotho. *T. Letšela, E. T. F. Witkowski, and K. Balkwill*

Notes on Economic Plants

640 On the Uses of *Zostera marina*, Mainly in Norway. *Torbjørn Alm*

646 The Identity of a Cultivated *Amaranthus* from Asia and a New Nomenclatural Combination. *Mihai Costea, François J. Tardif, and David M. Brenner*

Departments

650 Book Reviews
663 Books Received
665 Index to Volume 57: Book Reviewers
666 Index to Volume 57: Book Reviews
670 Index to Volume 57: Authors and Titles of Papers
674 Index to Volume 57: Subject
676 Manuscript Reviewers: 2003